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Michiaki Omura

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DICKSTEIN SHAPIRO LLP
1633 Broadway
NEW YORK, NY 10019

EXAMINER

DONABED, NINOS J

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/577,667	Applicant(s) OMURA ET AL.	
	Examiner NINOS DONABED	Art Unit 2444	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 July 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-7,9-13,15-19 and 21-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-7,9-13,15-19 and 21-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>10/9/2008, 8/13/2009</u> . | 6) <input type="checkbox"/> Other: _____ |

Response to Amendment

This action is in responsive to Applicant's amendment filed on 7/24/2009. Claims 1, 7, 13, 19 have been amended. Claims 2, 8, 14, 20 have been cancelled. Claims 1, 3-7, 9-13, 15-19, and 21-24 are pending.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 3, 7, 9, 13, 15, 19 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kenji (Japanese Publication Number 2002-049711) in view of Bais (United States Patent Application Number 20030210683) further in view of Notomi (United States Patent Application Publication 20030203347).

Regarding **Claim 1**,

Bais teaches a network system comprising:

an information terminal connectable to a network; **(See paragraphs [0020] –**

[0021] 10, Kenji teaches a terminal connected to a network)

a distribution server for distributing video and/or audio data to said information terminal through said network while said information terminal is connected to said

network; and **(See paragraphs [0015] – [0019] 10, Kenji teaches a distribution server which distributes video to the terminal from a ceremonial site)**

a storage server for storing a message of **video and/or image contents**, alone or along with audio contents, sent from said information terminal to said network in response to the video and/or audio data that has been distributed to the information terminal from said distribution server while said information terminal is connected to said network, **(See paragraphs [0011] –[0013], Kenji teaches a storage server for storing a voice message sent from the terminal through the network in response to the video distributed to the terminal from the distribution. Furthermore in paragraph [0012] shows that a picture of the user of terminal, a photograph can be used to introduce the audio contents.)**

Kenji further teaches authenticating the terminal using a pre-registered password sent to the user of the terminal **(See paragraphs [0019] – [0020], Kenji)**

Kenji does not explicitly teach an authentication server for authenticating said information terminal when said information terminal requests a start of distribution of the data using at least one of a time at which said information terminal requests the start of distribution of the data and an identification number of said information terminal: and

a call processing server for performing a call processing process for connecting said information terminal to said network if said authentication server authenticates said information terminal successfully, the authentication being successful if the call processing server confirms either: (1) the time at which said information terminal requests the start of distribution is in agreement with a range of a pre-registered

effective connection time zone: or (2) the identification number of said information terminal is in agreement with a pre-registered identification number.

Bais teaches an authentication server for authenticating said information terminal when said information terminal requests a start of distribution of the data using at least one of a time at which said information terminal requests the start of distribution of the data and an identification number of said information terminal: and **(See figures 1-3 and paragraphs [0014] – [0015], Bais teaches an authentication server for authentication the terminal when the terminal attempts to access and stream data. The authentication uses a phone number or a Calling Line Identifier for authentication)**

a call processing server for performing a call processing process for connecting said information terminal to said network if said authentication server authenticates said information terminal successfully, the authentication being successful if the call processing server confirms either: (1) the time at which said information terminal requests the start of distribution is in agreement with a range of a pre-registered effective connection time zone: or (2) the identification number of said information terminal is in agreement with a pre-registered identification number. **(See paragraphs [0006] and [0014] – [0017], Bias teaches a call processing server which connects the terminal to a network after an authentication server has authenticated the terminal based on a terminal id being consistent with a pre-registered id.)**

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have known to combine the teachings of Bias with Kenji because

both deal with transmitting multimedia contents from a host device across a network to a terminal device. The advantage of incorporating an authentication server for authenticating said information terminal when said information terminal requests a start of distribution of the data using at least one of a time at which said information terminal requests the start of distribution of the data and an identification number of said information terminal: and a call processing server for performing a call processing process for connecting said information terminal to said network if said authentication server authenticates said information terminal successfully, the authentication being successful if the call processing server confirms either: (1) the time at which said information terminal requests the start of distribution is in agreement with a range of a pre-registered effective connection time zone: or (2) the identification number of said information terminal is in agreement with a pre-registered identification number of Bias into Kenji is that it allows for securing the connection to a host device from a terminal by way of an authentication device thus making the system more robust and efficient. **(See paragraphs [0001] – [0003], Bias)**

Bias does not explicitly teach storage server for facilitating a display of the message video and/or image contents on a display at a predetermined time;

Notomi teaches storage server for facilitating a display of the message video and/or image contents on a display at a predetermined time; **(See paragraphs [0031] – [0035] and figures 1-2, Notomi)**

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have known to combine Notomi with Kenji, Bias, and Notomi

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because both deal with providing video of a specific event to viewers at a remote location. The advantage of incorporating a storage server for facilitating a display of the message video and/or image contents on display at a predetermined time of Notomi into the system of Kenji, Bias, and Notomi is that the lecturer and the student are introduced automatically and the capability of lecturers living in remote places are efficiently utilized at low cost thus making the system more robust and efficient. **(See paragraphs [0001] – [0005], Notomi)**

Regarding **Claim 3**,

Kenji, Bias, and Notomi teach the network system according to claim 1, further comprising:

image capturing and/or sound collecting means installed in a predetermined location for capturing images and/or collecting sounds of said predetermined location to produce said data; **(See figure 1 and paragraphs [0011] – [0013], Kenji)**

wherein said distribution server distributes said data produced by said image capturing and/or sound collecting means through said network to said information terminal in real time. **(See figure 1 and paragraphs [0004] – [0006], Kenji)**

Regarding **Claim 7**,

Bais teaches a network system comprising:

a first information terminal and a second information terminal which are connectable to a network; **(See paragraphs [0020] – [0021] 10, Kenji teaches a terminal connected to a network)**

a distribution server for distributing video and/or audio data to said second information terminal through said network while said second information terminal which is designated as a distribution destination by said first information terminal is connected to said network; and **(See paragraphs [0015] – [0019] 10, Kenji teaches a distribution server which distributes video to the terminal from a ceremonial site)**

a storage server for storing a message of video and/or image contents, alone or along with audio contents, sent from said second information terminal to said network in response to the video and/or audio data that has been distributed to the second information terminal from said distribution server while said second information terminal is connected to said network, and for facilitating a display of the message video and/or image contents on a display at a predetermined time; **(See paragraphs [0011] –[0013], Kenji teaches a storage server for storing a voice message sent from the terminal through the network in response to the video distributed to the terminal from the distribution. Furthermore in paragraph [0012] shows that a picture of the user of terminal, a photograph can be used to introduce the audio contents.)**

Kenji further teaches authenticating the terminal using a pre-registered password sent to the user of the terminal **(See paragraphs [0019] – [0020], Kenji)**

Kenji does not explicitly teach an authentication server for authenticating said first information terminal when said first information terminal requests a start of

distribution of the data to said second information terminal, using at least one of a time at which said first information terminal requests the start of distribution of the data and an identification number of said first information terminal: and

a call processing server for performing a call processing process for connecting said second information terminal to said network if said authentication server authenticates said first information terminal successfully, the authentication being successful if the call processing server confirms either: (1) the time at which said first information terminal requests the start of distribution is in agreement with a range of a pre-registered effective connection time zone: or (2) the identification number of said first information terminal is in agreement with a pre-registered identification number.

Bais teaches an authentication server for authenticating said first information terminal when said first information terminal requests a start of distribution of the data to said second information terminal, using at least one of a time at which said first information terminal requests the start of distribution of the data and an identification number of said first information terminal: and **(See figures 1-3 and paragraphs [0014] – [0015], Bais teaches an authentication server for authentication the terminal when the terminal attempts to access and stream data. The authentication uses a phone number or a Calling Line Identifier for authentication)**

a call processing server for performing a call processing process for connecting said second information terminal to said network if said authentication server authenticates said first information terminal successfully, the authentication being successful if the call processing server confirms either: (1) the time at which said first

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information terminal requests the start of distribution is in agreement with a range of a pre-registered effective connection time zone: or (2) the identification number of said first information terminal is in agreement with a pre-registered identification number.

(See paragraphs [0006] and [0014] – [0017], Bias teaches a call processing server which connects the terminal to a network after an authentication server has authenticated the terminal based on a terminal id being consistent with a pre-registered id.)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have known to combine the teachings of Bias with Kenji because both deal with transmitting multimedia contents from a host device across a network to a terminal device. The advantage of incorporating an authentication server for authenticating said first information terminal when said first information terminal requests a start of distribution of the data to said second information terminal, using at least one of a time at which said first information terminal requests the start of distribution of the data and an identification number of said first information terminal: and a call processing server for performing a call processing process for connecting said second information terminal to said network if said authentication server authenticates said first information terminal successfully, the authentication being successful if the call processing server confirms either: (1) the time at which said first information terminal requests the start of distribution is in agreement with a range of a pre-registered effective connection time zone: or (2) the identification number of said first information terminal is in agreement with a pre-registered identification number of

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Bias into Kenji is that it allows for securing the connection to a host device from a terminal by way of an authentication device thus making the system more robust and efficient. **(See paragraphs [0001] – [0003], Bias)**

Bias does not explicitly teach storage server for facilitating a display of the message video and/or image contents on a display at a predetermined time;

Notomi teaches storage server for facilitating a display of the message video and/or image contents on a display at a predetermined time; **(See paragraphs [0031] – [0035] and figures 1-2, Notomi)**

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have known to combine Notomi with Kenji, Bias, and Notomi because both deal with providing video of a specific event to viewers at a remote location. The advantage of incorporating a storage server for facilitating a display of the message video and/or image contents on display at a predetermined time of Notomi into the system of Kenji, Bias, and Notomi is that the lecturer and the student are introduced automatically and the capability of lecturers living in remote places are efficiently utilized at low cost thus making the system more robust and efficient. **(See paragraphs [0001] – [0005], Notomi)**

Regarding **Claim 9**,

Kenji, Bias, and Notomi teach the network system according to claim 7, further comprising:

image capturing and/or sound collecting means installed in a predetermined location for capturing images and/or collecting sounds of said predetermined location to produce said data; **(See figure 1 and paragraphs [0011] – [0013], Kenji)**

wherein said distribution server distributes said data produced by said image capturing and/or sound collecting means through said network to said information terminal in real time. **(See figure 1 and paragraphs [0004] – [0006], Kenji)**

Regarding **Claim 13**,

Kenji teaches a method of providing a data distribution service, comprising the steps of;

distributing video and/or audio data from a distribution server to an information terminal via a downlink through a network based on a request from said information terminal for starting distributing said video and/or audio data; permitting sending of a message of video and/or image contents, alone or along with audio contents; from said information terminal via an uplink through said network to **(See paragraphs [0015] – [0019] 10, Kenji teaches a distribution server which distributes video to the terminal from a ceremonial site)**

a storage server in response to said video and/or audio data that has: been distributed to the information terminal from said distribution server; and storing, said message sent from said information terminal in said storage server **(See paragraphs [0011] –[0013], Kenji teaches a storage server for storing a voice message sent from the terminal through the network in response to the video distributed to the**

terminal from the distribution. Furthermore in paragraph [0012] shows that a picture of the user of terminal, a photograph can be used to introduce the audio contents.)

Kenji further teaches authenticating the terminal using a pre-registered password sent to the user of the terminal **(See paragraphs [0019] – [0020], Kenji)**

Kenji does not explicitly teach authenticating said information terminal with an authentication server when said information terminal requests a start of distribution of the data, using at least one of a time at which said information terminal requests the start of distribution of the data and an identification number of said information terminal; and

performing a call processing process with a call processing server for connecting said information terminal to said network if said authentication server authenticates said information terminal successfully, the authentication being successful if the call processing process confirms either: (1) the time at which said information terminal requests the start of distribution is in agreement with a range of a pre-registered effective connection time zone: or (2) the identification number of said information terminal is in agreement with a pre-registered identification number: wherein in said step of distributing the data to said information terminal, said distribution server distributes the data through said network to said information terminal while said information terminal is being connected to said network by said call processing server.

Bais teaches authenticating said information terminal with an authentication server when said information terminal requests a start of distribution of the data, using

at least one of a time at which said information terminal requests the start of distribution of the data and an identification number of said information terminal; and **(See figures 1-3 and paragraphs [0014] – [0015], Bais teaches an authentication server for authentication the terminal when the terminal attempts to access and stream data. The authentication uses a phone number or a Calling Line Identifier for authentication)**

performing a call processing process with a call processing server for connecting said information terminal to said network if said authentication server authenticates said information terminal successfully, the authentication being successful if the call processing process confirms either: (1) the time at which said information terminal requests the start of distribution is in agreement with a range of a pre-registered effective connection time zone: or (2) the identification number of said information terminal is in agreement with a pre-registered identification number: wherein in said step of distributing the data to said information terminal, said distribution server distributes the data through said network to said information terminal while said information terminal is being connected to said network by said call processing server. **(See paragraphs [0006] and [0014] – [0017], Bias teaches a call processing server which connects the terminal to a network after an authentication server has authenticated the terminal based on a terminal id being consistent with a pre-registered id.)**

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have known to combine the teachings of Bias with Kenji because

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both deal with transmitting multimedia contents from a host device across a network to a terminal device. The advantage of incorporating authenticating said information terminal with an authentication server when said information terminal requests a start of distribution of the data, using at least one of a time at which said information terminal requests the start of distribution of the data and an identification number of said information terminal; and performing a call processing process with a call processing server for connecting said information terminal to said network if said authentication server authenticates said information terminal successfully, the authentication being successful if the call processing process confirms either: (1) the time at which said information terminal requests the start of distribution is in agreement with a range of a pre-registered effective connection time zone: or (2) the identification number of said information terminal is in agreement with a pre-registered identification number: wherein in said step of distributing the data to said information terminal, said distribution server distributes the data through said network to said information terminal while said information terminal is being connected to said network by said call processing server of Bias into Kenji is that it allows for securing the connection to a host device from a terminal by way of an authentication device thus making the system more robust and efficient. **(See paragraphs [0001] – [0003], Bias)**

Bias does not explicitly teach storage server for facilitating a display of the message video and/or image contents on a display at a predetermined time;

Notomi teaches storage server for facilitating a display of the message video and/or image contents on a display at a predetermined time; **(See paragraphs [0031] – [0035] and figures 1-2, Notomi)**

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have known to combine Notomi with Kenji, Bias, and Notomi because both deal with providing video of a specific event to viewers at a remote location. The advantage of incorporating a storage server for facilitating a display of the message video and/or image contents on display at a predetermined time of Notomi into the system of Kenji, Bias, and Notomi is that the lecturer and the student are introduced automatically and the capability of lecturers living in remote places are efficiently utilized at low cost thus making the system more robust and efficient. **(See paragraphs [0001] – [0005], Notomi)**

Regarding **Claim 15**,

Kenji, Bias, and Notomi teach the method according to claim 13, further comprising the step of:

capturing images and/or collecting sounds of a predetermined location with image capturing and/or sound collecting means to produce said data; **(See figure 1 and paragraphs [0011] – [0013], Kenji)**

wherein in said step of distributing the data to said information terminal, said distribution server distributes said data produced by said image capturing and/or sound

collecting means through said network to said information terminal in real time. **(See figure 1 and paragraphs [0004] – [0006], Kenji)**

Regarding **Claim 19**,

Kenji teaches a method of providing a data distribution service, comprising the steps of;

distributing video and/or audio data from a distribution server to a second information terminal, which is designated as a distribution destination by a first information terminal, via a downlink through a network based on a request from said first information terminal for starting distributing said video and/or audio data **(See paragraphs [0015] – [0019] , Kenji)**; sending a message of video and/or image contents, alone or along with audio contents, from said second information-terminal via an uplink through said network to a storage server in response to said video and/or audio data that has been distributed to the information terminal from said distribution server; and **(See paragraphs [0015] – [0019] , Kenji teaches a distribution server which distributes video to the terminal from a ceremonial site)**

storing said message sent from said second information terminal in said storage server**(See paragraphs [0011] –[0013], Kenji teaches a storage server for storing a voice message sent from the terminal through the network in response to the video distributed to the terminal from the distribution. Furthermore in paragraph [0012] shows that a picture of the user of terminal, a photograph can be used to introduce the audio contents.)**

Kenji further teaches authenticating the terminal using a pre-registered password sent to the user of the terminal **(See paragraphs [0019] – [0020], Kenji)**

Kenji does not explicitly teach authenticating said first information terminal with an authentication server when said first information terminal requests a start of distribution of the data to said second information terminal, using at least one of a time at which said first information terminal requests the start of distribution of the data and an identification number of said first information terminal: and

performing a call processing process with a call processing server for connection said second information terminal to said network if said authentication server authenticates said first information terminal successfully, the authentication being successful if the call processing step confirms either: (1) the time at which said first information terminal requests the start of distribution is in agreement with a range of pre-registered effective connection time zone: or (2) the identification number of said first information terminal is in agreement with a pre-registered identification number: wherein in said step of distributing the data to said second information terminal, said distribution server distributes the data through said network to said second information terminal while said second information terminal is being connected to said network by said call processing server.

Bais teaches authenticating said first information terminal with an authentication server when said first information terminal requests a start of distribution of the data to said second information terminal, using at least one of a time at which said first information terminal requests the start of distribution of the data and an identification

number o1: said first information terminal: and **(See figures 1-3 and paragraphs [0014] – [0015], Bais teaches an authentication server for authentication the terminal when the terminal attempts to access and stream data. The authentication uses a phone number or a Calling Line Identifier for authentication)**

performing a call processing process with a call processing server for connection said second information terminal to said network if said authentication server authenticates said first information terminal successfully, the authentication being successful if the call processing step confirms either: (1) the time at which said first information terminal requests the start of distribution is in agreement with a range of pre-registered effective connection time zone: or (2) the identification number of said first information terminal is in agreement with a pre-registered identification number: wherein in said step of distributing the data to said second information terminal, said distribution server distributes the data through said network to said second information terminal while said second information terminal is being connected to said network by said call processing server. **(See paragraphs [0006] and [0014] – [0017], Bias teaches a call processing server which connects the terminal to a network after an authentication server has authenticated the terminal based on a terminal id being consistent with a pre-registered id.)**

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have known to combine the teachings of Bias with Kenji because both deal with transmitting multimedia contents from a host device across a network to

a terminal device. The advantage of incorporating authenticating said first information terminal with an authentication server when said first information terminal requests a start of distribution of the data to said second information terminal, using at least one of a time at which said first information terminal requests the start of distribution of the data and an identification number : said first information terminal: and performing a call processing process with a call processing server for connection said second information terminal to said network if said authentication server authenticates said first information terminal successfully, the authentication being successful if the call processing step confirms either: (1) the time at which said first information terminal requests the start of distribution is in agreement with a range of pre-registered effective connection time zone: or (2) the identification number of said first information terminal is in agreement with a pre-registered identification number: wherein in said step of distributing the data to said second information terminal, said distribution server distributes the data through said network to said second information terminal while said second information terminal is being connected to said network by said call processing server of Bias into Kenji is that it allows for securing the connection to a host device from a terminal by way of an authentication device thus making the system more robust and efficient. **(See paragraphs [0001] – [0003], Bias)**

Bias does not explicitly teach storage server for facilitating a display of the message video and/or image contents on a display at a predetermined time;

Notomi teaches storage server for facilitating a display of the message video and/or image contents on a display at a predetermined time; **(See paragraphs [0031] – [0035] and figures 1-2, Notomi)**

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have known to combine Notomi with Kenji, Bias, and Notomi because both deal with providing video of a specific event to viewers at a remote location. The advantage of incorporating a storage server for facilitating a display of the message video and/or image contents on display at a predetermined time of Notomi into the system of Kenji, Bias, and Notomi is that the lecturer and the student are introduced automatically and the capability of lecturers living in remote places are efficiently utilized at low cost thus making the system more robust and efficient. **(See paragraphs [0001] – [0005], Notomi)**

Regarding **Claim 21**,

Kenji, Bias, and Notomi teach the method according to claim 19, further comprising the step of:

capturing images and/or collecting sounds of a predetermined location with image capturing and/or sound collecting means to produce said data; **(See figure 1 and paragraphs [0011] – [0013], Kenji)**

wherein in said step of distributing the data to said second information terminal, said distribution server distributes said data produced by said image capturing and/or

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sound collecting means through said network to said second information terminal in real time. **(See figure 1 and paragraphs [0004] – [0006], Kenji)**

3. Claims 4-6, 10-12, 16-18, and 22-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kenji (Japanese Publication Number 2002-049711) in view of Bais (United States Patent Application Number 20030210683) further in view of Notomi (United States Patent Application Publication 20030203347) further in view of Ushiki (European Patent Application Publication Number 1355473.)

Regarding **Claim 4**,

Kenji, Bias, and Notomi teach the network system according to claim 1.

Kenji, Bias, and Notomi do not explicitly teach a gateway device for sending said message from said information terminal through said network to said storage server after the gateway device has detected a signal representing a start of transmission of said message sent from said information terminal until the gateway device detects a signal representing an end of transmission of said message sent from said information terminal;

wherein said storage server has receiving means for receiving said message sent from said gateway device through said network, and storing means for storing said message received by said receiving means.

Ushika teaches a gateway device for sending said message from said information terminal through said network to said storage server after the gateway

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device has detected a signal representing a start of transmission of said message sent from said information terminal until the gateway device detects a signal representing an end of transmission of said message sent from said information terminal; **(See figures 1-5, and paragraphs [0005] – [0007] and [0056] - [0063], Ushika.)**

wherein said storage server has receiving means for receiving said message sent from said gateway device through said network, and storing means for storing said message received by said receiving means. **(See figures 1-5 and 14 and paragraphs [0075] – [0079], Ushika.)**

One of ordinary skill would have been motivated to combine the teachings of Ushika and Kenji since both teachings deal with transferring of audio or video data across mobile or wireless networks, and as such both teachings are within the same environment.

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the gateway device of Ushika into the teachings of Kenji in order to make the transferring of audio or video data between locations more secure ultimately making the cyber ceremonial system of Kenji more robust and efficient. **(See paragraphs [0017] – [0022], Ushika.)**

Regarding **Claim 5**,

Kenji, Bias, and Notomi and Ushika teach the network system according to claim 4, wherein said storage server also has transmitting means for sending said message

stored by said storing means to said network. **(See figures 1-5 and 14 and paragraphs [0073] – [0076], Ushika.)**

Regarding **Claim 6**,

Kenji, Bias, and Notomi and Ushika teach the network system according to claim 4, wherein said storage server also has display means for displaying said message stored by said storing means. **(See figures 1-5 and 14 and paragraphs [0075] – [0079], Ushika.)**

Regarding **Claim 10**,

Kenji, Bias, and Notomi teach the network system according to claim 7.

Kenji, Bias, and Notomi do not explicitly teach a gateway device for sending said message from said second information terminal through said network to said storage server after the gateway device has detected a signal representing a start of transmission of said message sent from said second information terminal until the gateway device detects a signal representing an end of transmission of said message sent from said second information terminal;

wherein said storage server has receiving means for receiving said message sent from said gateway device through said network, and storing means for storing said message received by said receiving means.

Ushika teaches a gateway device for sending said message from said second information terminal through said network to said storage server after the gateway

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device has detected a signal representing a start of transmission of said message sent from said second information terminal until the gateway device detects a signal representing an end of transmission of said message sent from said second information terminal; **(See figures 1-5, and paragraphs [0005] – [0007] and [0056] - [0063], Ushika.)**

wherein said storage server has receiving means for receiving said message sent from said gateway device through said network, and storing means for storing said message received by said receiving means. **(See figures 1-5 and 14 and paragraphs [0075] – [0079], Ushika.)**

One of ordinary skill would have been motivated to combine the teachings of Ushika and Kenji since both teachings deal with transferring of audio or video data across mobile or wireless networks, and as such both teachings are within the same environment.

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the gateway device of Ushika into the teachings of Kenji in order to make the transferring of audio or video data between locations more secure ultimately making the cyber ceremonial system of Kenji more robust and efficient. **(See paragraphs [0017] – [0022], Ushika.)**

Regarding **Claim 11**,

Kenji, Bias, and Notomi and Ushika teach the network system according to claim 10, wherein said storage server also has transmitting means for sending said message

stored by said storing means to said network. **(See figures 1-5 and 14 and paragraphs [0073] – [0076], Ushika.)**

Regarding **Claim 12**,

Kenji and Ushika teach the network system according to claim 10, wherein said storage server also has display means for displaying said message stored by said storing means. **(See figures 1-5 and 14 and paragraphs [0075] – [0079], Ushika.)**

Regarding **Claim 16**,

Kenji, Bias, and Notomi teach the method according to claim 13.

Kenji, Bias, and Notomi do not explicitly teach sending said message to said storage server, said information terminal is permitted to send a signal representing a start of transmission of said message, said message itself, and a signal representing an end of transmission of said message, said method further comprising the step of:

sending, from a gateway device, said message sent from said information terminal through said network to said storage server after the gateway device has detected the signal representing the start of transmission of said message sent from said information terminal until the gateway device detects the signal representing the end of transmission of said message sent from said information terminal;

wherein in said step of storing said message, said storage server stores said message sent from said gateway device through said network.

Ushika teaches sending said message to said storage server, said information terminal sends a signal representing a start of transmission of said message, sends said message, and sends a signal representing an end of transmission of said message, said method further comprising the step of:

sending, from a gateway device, said message sent from said information terminal through said network to said storage server after the gateway device has detected the signal representing the start of transmission of said message sent from said information terminal until the gateway device detects the signal representing the end of transmission of said message sent from said information terminal; **(See figures 1-5, and paragraphs [0005] – [0007] and [0056] - [0063], Ushika.)**

wherein in said step of storing said message, said storage server stores said message sent from said gateway device through said network. **(See figures 1-5 and 14 and paragraphs [0075] – [0079], Ushika.)**

One of ordinary skill would have been motivated to combine the teachings of Ushika and Kenji since both teachings deal with transferring of audio or video data across mobile or wireless networks, and as such both teachings are within the same environment.

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the gateway device of Ushika into the teachings of Kenji in order to make the transferring of audio or video data between locations more secure ultimately making the cyber ceremonial system of Kenji more robust and efficient. **(See paragraphs [0017] – [0022], Ushika.)**

Regarding **Claim 17**,

Kenji, Bias, and Notomi and Ushika teach the method according to claim 16, further comprising the step of: sending said message stored by said storage server through said network to external display means. **(See figures 1-5 and 14 and paragraphs [0073] – [0076], Ushika.)**

Regarding **Claim 18**,

Kenji, Bias, and Notomi and Ushika teach the method according to claim 16, further comprising the step of: displaying said message stored by said storage server on display means in said storage server. **(See figures 1-5 and 14 and paragraphs [0075] – [0079], Ushika.)**

Regarding **Claim 22**,

Kenji, Bias, and Notomi and teach the method according to claim 19.

Kenji, Bias, and Notomi do not explicitly teach wherein in said step of sending said message to said storage server, said second information terminal sends a signal representing a start of transmission of said message, sends said message, and sends a signal representing an end of transmission of said message, said method further comprising the step of:

sending, from a gateway device, said message sent from said second information terminal through said network to said storage server after the gateway

device has detected the signal representing the start of transmission of said message sent from said second information terminal until the gateway device detects the signal representing the end of transmission of said message sent from said second information terminal;

wherein in said step of storing said message, said storage server stores said message sent from said gateway device through said network.

Ushika teaches wherein in said step of sending said message to said storage server, said second information terminal sends a signal representing a start of transmission of said message, sends said message, and sends a signal representing an end of transmission of said message, said method further comprising the step of:

sending, from a gateway device, said message sent from said second information terminal through said network to said storage server after the gateway device has detected the signal representing the start of transmission of said message sent from said second information terminal until the gateway device detects the signal representing the end of transmission of said message sent from said second information terminal; **(See figures 1-5, and paragraphs [0005] – [0007] and [0056] - [0063], Ushika.)**

wherein in said step of storing said message, said storage server stores said message sent from said gateway device through said network. **(See figures 1-5 and 14 and paragraphs [0075] – [0079], Ushika.)**

One of ordinary skill would have been motivated to combine the teachings of Ushika and Kenji since both teachings provide deal with transferring of audio or video

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data across mobile or wireless networks, and as such both teachings are within the same environment.

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the gateway device of Ushika into the teachings of Kenji in order to make the transferring of audio or video data between locations more secure ultimately making the cyber ceremonial system of Kenji more robust and efficient. **(See paragraphs [0017] – [0022], Ushika.)**

Regarding **Claim 23**,

Kenji, Bias, and Notomi and Ushika teach the method according to claim 22, further comprising the step of: sending said message stored by said storage server through said network to external display means. **(See figures 1-5 and 14 and paragraphs [0073] – [0076], Ushika.)**

Regarding **Claim 24**,

Kenji, Bias, and Notomi and Ushika teach the method according to claim 22, further comprising the step of: displaying said message stored by said storage server on display means in said storage server. **(See figures 1-5 and 14 and paragraphs [0075] – [0079], Ushika.)**

Response to Arguments

Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any response to this Office Action should be **faxed** to (571) 272-8300 or **mailed** to:

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Hand-delivered responses should be brought to

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NINOS DONABED whose telephone number is (571)270-3526. The examiner can normally be reached on Monday-Friday, 7:30 AM-5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Vaughn can be reached on (571) 272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TAMMY T NGUYEN/
Primary Examiner, Art Unit 2444

/N. D./
Examiner, Art Unit 2444